

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An adhesion structure for a motor for adhering a rotor or a stator having a first linear expansion coefficient ~~[[and]]~~ to a plurality of magnets arranged circumferentially on the rotor or stator, said magnets ~~magnet~~ having a second linear expansion coefficient, which differs from the first linear expansion coefficient, ~~to one another,~~ the adhesion structure comprising:

an adhesive agent for forming an adhesive agent layer; and

a thickness determining means extending in an axial direction of the rotor and arranged on either one of the ~~magnet~~ magnets and the rotor or the stator, the thickness determining means determining the thickness of the adhesive agent layer formed from the adhesive agent so as to absorb shearing stress produced by the difference between the first and second linear thermal expansion coefficients at a surface adhered to the ~~magnet~~ magnets.

Claim 2 (Original): The adhesion structure according to claim 1, wherein the thickness of the adhesive agent layer determined by the thickness determining means is in the range of 0.05 mm to 0.2 mm.

Claim 3 (Original): The adhesion structure according to claim 2, wherein the thickness of the adhesive agent layer is 0.05 mm to 0.2 mm in 50% to 100% of the adhesive agent layer.

Claim 4 (Original): The adhesion structure according to claim 1, wherein the thickness of the adhesive agent layer determined by the thickness determining means is in the range of 0.075 mm to 0.175 mm.

Claim 5 (Original): The adhesion structure according to claim 1, wherein the thickness of the adhesive agent layer determined by the thickness determining means is in the range of 0.1 mm to 0.15 mm.

Claim 6 (Original): The adhesion structure according to claim 1, wherein the thickness determining means is formed on an outer surface of the rotor or an inner surface of the stator and includes a thickness determining groove filled with the adhesive agent.

Claim 7 (Original): The adhesion structure according to claim 6, wherein the thickness determining groove extends along the entire outer surface of the rotor or the inner surface of the stator.

Claim 8 (Original): The adhesion structure according to claim 6, wherein the thickness determining groove has a depth in the range of 0.05 mm to 0.2 mm.

Claim 9 (Original): The adhesion structure according to claim 6, wherein the thickness determining groove has a depth in the range of 0.075 mm to 0.175 mm.

Claim 10 (Original): The adhesion structure according to claim 6, wherein the thickness determining groove has a depth in the range of 0.1 mm to 0.15 mm.

Claim 11 (Currently Amended): The adhesion structure according to claim 1, wherein the thickness determining means includes:

an opposing surface defined on a surface of each of the magnet magnets opposed to the rotor or the stator and having a radius of curvature that is smaller than the radius of the rotor or the stator; and

a gap defined between the rotor or the stator and the opposing surface of each of the magnet magnets.

Claim 12 (Original): The adhesion structure according to claim 1, wherein the difference between the first linear expansion coefficient and the second linear expansion coefficient is greater than 10.4×10^{-6} .

Claim 13 (Currently Amended): The adhesion structure according to claim 12, wherein the rotor or the stator is made of steel, and the magnets are magnet is made of a rare earth element material.

Claim 14 (Currently Amended): The adhesion structure according to claim 1, wherein the thickness determining means is arranged to correspond with 48% or more of a surface of the magnet magnets opposed to the rotor or the stator in the axial direction of the rotor or the stator.

Claim 15 (Currently Amended): The adhesion structure according to claim 1, wherein 48% to 65% of a surface of each of the magnet magnets opposed to the rotor or the stator is adhered to the rotor or the stator by the adhesive agent layer.

Claim 16 (Currently Amended): The adhesion structure according to claim 1, wherein the thickness determining means includes a thickness determining groove formed on

a surface of each of the ~~magnet~~ magnets opposed to the rotor or the stator and filled with the adhesive agent.

Claim 17 (Currently Amended): The adhesion structure according to claim 1, wherein the thickness determining means includes a projection for determining the thickness of the adhesive agent layer with the projection formed integrally with one of the ~~magnet~~ magnets and the rotor or stator.

Claim 18 (Currently Amended): The adhesion structure according to claim 1, wherein the thickness determining means includes a thickness determining member arranged between the ~~magnet~~ magnets and the rotor or stator.

Claim 19 (Original): The adhesion structure according to claim 1, wherein the adhesive agent layer has a uniform thickness.

Claim 20 (Currently Amended): A motor comprising:
a rotor having a first linear expansion coefficient;
a plurality of magnets arranged circumferentially on the rotor, said magnets ~~magnet~~ adhered to the rotor by an adhesive agent forming an adhesive agent layer, the ~~magnet~~ magnets having a second linear expansion coefficient that differs from the first linear expansion coefficient; and

a thickness determining means extending in an axial direction of the rotor and arranged on either one of the rotor or the ~~magnet~~ magnets, the thickness determining means determining the thickness of the adhesive agent layer formed from the adhesive agent so as to

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absorb shearing stress produced by the difference between the first and second linear thermal
expansion coefficients at a surface adhered to the ~~magnet~~ magnets.